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Tara Whalen, Diana Smetters, Elizabeth F. Churchill

April 2006 **CHI '06**: CHI '06 extended abstracts on Human factors in computing systems**Publisher**: ACMFull text available: Pdf (232.63 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)**Bibliometrics**: Downloads (6 Weeks): 16, Downloads (12 Months): 93, Citation Count: 3

The sharing of network-based information is a key component of recreational and professional interaction, from email attachments to P2P networks. However, people need to accommodate technical challenges in successful and secure content sharing. In particular, ...

Keywords: access control, collaboration, security, sharing2 [Making technology accessible for the technophobe-moving social workers into the 21st century](#)

Terris B. Wolff

October 2004 **SIGUCCS '04**: Proceedings of the 32nd annual ACM SIGUCCS conference on User services**Publisher**: ACMFull text available: Pdf (196.50 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)**Bibliometrics**: Downloads (6 Weeks): 3, Downloads (12 Months): 16, Citation Count: 0

By nature, the faculty of the University of Southern California School of Social Work are not users of technology for teaching. Most (not all!) use email, but many have difficulty sending or receiving attachments. When I came to the School, I was handed ...

Keywords: digital media, faculty buy-in, faculty development, webDAV

3 Behavior-based modeling and its application to Email analysis



Salvatore J. Stolfo, Shlomo Hershkop, Chia-Wei Hu, Wei-Jen Li, Olivier Nimeskern, Ke Wang

May **Transactions on Internet Technology (TOIT)**, Volume 6 Issue 2
2006

Publisher: ACM

Full text available: Pdf (1.25 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 43, Downloads (12 Months): 412, Citation Count: 3

The Email Mining Toolkit (EMT) is a data mining system that computes *behavior profiles or models* of user email accounts. These models may be used for a multitude of tasks including forensic analyses and detection tasks of value to law enforcement ...

Keywords: Email virus propagations, anomaly detection, behavior profiling

4 Sub-operating systems: a new approach to application security



Sotiris Ioannidis, Steven M. Bellovin, Jonathan M. Smith

July **EW10: Proceedings of the 10th workshop on ACM SIGOPS European 2002 workshop**

Publisher: ACM

Full text available: Pdf (136.37 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 72, Citation Count: 2

Users regularly exchange apparently innocuous data files using email and ftp. While the users view these data as passive, there are situations when they are interpreted as code by some system application. In that case the data become "active". Some examples ...

5 MET: an experimental system for Malicious Email Tracking



Manasi Bhattacharyya, Shlomo Hershkop, Eleazar Eskin

September **NSPW '02: Proceedings of the 2002 workshop on New security 2002 paradigms**

Publisher: ACM

Full text available: Pdf (790.18 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 43, Citation Count: 8

Despite the use of state of the art methods to protect against malicious programs, they continue to threaten and damage computer systems around the world. In this paper we present MET, the Malicious Email Tracking system, designed to automatically report ...

Keywords: anti-virus, email attachment, email tracking, virus detection

6 Multiple solutions for digitizing equations for students



Trevor Murphy

November
2005

SIGUCCS '05: Proceedings of the 33rd annual ACM SIGUCCS
conference on User services

Publisher: ACM

Full text available: Pdf (184.30
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 38, Citation Count: 0

It can be challenging for faculty in the sciences to share mathematics with students. Photocopying hand written notes, or using the overhead projectors can be limiting when students are outside of class and need access to materials. Adapting equations ...

Keywords: PDF, TeX, equations, faculty support, mathML, mathematics, typesetting

7 iDM: a unified and versatile data model for personal dataspace management

Jens-Peter Dittrich, Marcos Antonio Vaz Salles

September
2006

VLDB '06: Proceedings of the 32nd international conference on
Very large data bases

Publisher: VLDB Endowment

Full text available: Pdf (957.16
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 24, Downloads (12 Months): 112, Citation Count: 2

Personal Information Management Systems require a powerful and versatile data model that is able to represent a highly heterogeneous mix of data such as relational data, XML, file content, folder hierarchies, emails and email attachments, data streams, ...

8 Recent shortcuts: using recent interactions to support shared activities



John C. Tang, James Lin, Jeffrey Pierce, Steve Whittaker, Clemens Drews

April
2007

CHI '07: Proceedings of the SIGCHI conference on Human factors in
computing systems

Publisher: ACM

Full text available: Pdf (691.60
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 203, Citation Count: 0

We present an empirical study of teams that revealed the amount of extraneous individual work needed to enable collaboration: finding references to other people, finding files to attach to email, managing incoming email attachments, managing the variety ...

Keywords: coordination, empirical study, multi-device interaction, recent context, recent documents, recent shortcuts

9 ACT: attachment chain tracing scheme for email virus detection and control



Jintao Xiong

October
2004

WORM '04: Proceedings of the 2004 ACM workshop on Rapid
malcode

Publisher: ACM

Full text available: Pdf (283.77
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited
by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 74, Citation Count: 1

Modern society is highly dependent on the smooth and safe flow of information over communication and computer networks. Computer viruses and worms pose serious threats to the society by disrupting the normal information flow and collecting or destroying ...

Keywords: contact tracing, transmission chain, worm defense

10 Towards usable Web privacy and security



Lorrie Faith Cranor

May
2005

WWW '05: Proceedings of the 14th international conference on World
Wide Web

Publisher: ACM

Full text available: Pdf (104.17
KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 122, Citation Count: 0

Internet users now rely on a whole arsenal of tools to protect their security and privacy. Experts recommend that computer users install personal firewalls, anti-virus software, spyware blockers, spam filters, cookie managers, and a variety of other ...

11 Intelligent email: reply and attachment prediction



Mark Dredze, Tova Brooks, Josh Carroll, Joshua Magarick, John Blitzer, Fernando
Pereira

January
2008

IUI '08: Proceedings of the 13th international conference on
Intelligent user interfaces

Publisher: ACM

Full text available: Pdf (114.78
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index
terms](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 58, Citation Count: 0

We present two prediction problems under the rubric of Intelligent Email that are designed to support enhanced email interfaces that relieve the stress of email overload. Reply prediction alerts users when an email requires a response and facilitates ...


Keywords: attachment prediction, email overload, reply prediction

12 Towards Blocking Outgoing Malicious Impostor Emails

Erhan J. Kartaltepe, Shouhuai Xu

June 2006 **WOWMOM '06**: Proceedings of the 2006 International Symposium on on World of Wireless, Mobile and Multimedia Networks

Publisher: IEEE Computer Society

Full text available:  Pdf (320.41 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 55, Citation Count: 0

Electronic mails (emails) have become an indispensable part of most people's daily routines. However, they were not designed for deployment in an adversarial environment, which explains why there have been so many incidents such as spamming and phishing. ...

13 A meta model for access control: why is it needed and is it even possible to achieve?



David Ferraiolo, Vijay Atluri

June 2008 **SACMAT '08**: Proceedings of the 13th ACM symposium on Access control models and technologies

Publisher: ACM

Full text available:  Pdf (232.34 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 46, Downloads (12 Months): 147, Citation Count: 0

Security policy enforcement is instrumental in preventing the unauthorized disclosure of sensitive data, protecting the integrity of vital data, mitigating the likelihood of fraud, and ultimately enabling the secure sharing of information. In accessing ...


14 Inner circle: people centered email client



Andrzej Turski, Debbie Warnack, Lili Cheng, Shelly Farnham, Susan Yee

April 2005 **CHI '05**: CHI '05 extended abstracts on Human factors in computing systems

Publisher: ACM

Full text available:  Pdf (438.94 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 56, Citation Count: 0

We present an automatic people-centered organization of the email message store, where all the information is organized by the association with the message sender or recipients. By using a zoomable list control, we can show most frequent contacts on ...

Keywords: asynchronous collaboration, categorization, email, email-based sharing, organization, zooming user interface

15 Gossiping (via mobile?) in social networks




Flavio Chierichetti, Silvio Lattanzi, Alessandro Panconesi

August

DIAL M-POMC '08: Proceedings of the fifth international workshop on
Foundations of mobile computing

Publisher: ACM

Full text available:  Pdf (46.34
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index
terms](#)

Bibliometrics: Downloads (6 Weeks): 42, Downloads (12 Months): 81, Citation Count: 0

The study of information dissemination in social networks is an important endeavour, encompassing a variety of questions ranging from the purely technological to the spread of viruses and the diffusion of ideas in human communities. In order to gain ...

Keywords: gossiping, social networks

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